

ABSTRACT OF THE DISCLOSURE

An inductor component according to the present invention includes a magnetic core including at least one magnetic gap having a gap length of about 50 to 10,000 μm in a magnetic path, a magnet for magnetic bias arranged in the neighborhood of the magnetic gap in order to supply magnetic bias from both sides of the magnetic gap, and a coil having at least one turn applied to the magnetic core. The aforementioned magnet for magnetic bias is a bonded magnet containing a resin and a magnet powder dispersed in the resin and having a resistivity of 1 $\Omega\cdot\text{cm}$ or more. The magnet powder includes a rare-earth magnet powder having an intrinsic coercive force of 5 KOe or more, a Curie point of 300°C or more, the maximum particle diameter of 150 μm or less, and an average particle diameter of 2.0 to 50 μm and coated with inorganic glass, and the rare-earth magnet powder is selected from the group consisting of a Sm-Co magnet powder, Nd-Fe-B magnet powder, and Sm-Fe-N magnet powder.

0997006-112001